



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/713,169	11/15/2000	YOSHIHIKO NITTA	SAS2-PTO42	3409

3624 7590 03/10/2004  
VOLPE AND KOENIG, P.C.  
UNITED PLAZA, SUITE 1600  
30 SOUTH 17TH STREET  
PHILADELPHIA, PA 19103

EXAMINER

MOORE, IAN N

ART UNIT PAPER NUMBER

2661

DATE MAILED: 03/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/713,169

**Applicant(s)**

NITTA ET AL.

**Examiner**

Ian N Moore

**Art Unit**

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4.5.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Objections*

1. Claims 1 and 5 are objected to because of the following informalities:
  - Claim 1 recites the limitation "an resource" in line 10-11 and "a resource" in line 13.  
There is insufficient antecedent basis for this limitation in the claim.
  - Claim 5 recites the limitation "an resource name " in line 11. There is insufficient antecedent basis for this limitation in the claim.

### *Claim Rejections - 35 USC § 102 (b)*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Minoru (Jap. 11-146083).

**Regarding Claim 1**, Minoru'083 discloses an Internet access system (see FIG. 1) comprising:

an address acquisition section (see FIG. 1, a section between IP phone PC 1, PSTN 1, Server 13 and Internet 2 which performs address acquiring tasks) for acquiring an resource name for identifying a resource on the Internet associated with identification information (see FIG. 1, UR, Uniform Resource Locator, (i.e. resource name) is requested from the server in order to identify URL information resource that maps/links/associates/corresponds with the

Art Unit: 2661

telephone number; see page 5, paragraph 14) from a database (see FIG. 1, Server 13) in which at least telephone numbers and resource names are associated (see FIG. 3, a Correspondence table 41; see page 6, paragraph 26-28; note that the server stores/maintains/databases the table that lists the telephone numbers and the URL),

wherein said identification information includes telephone number and address presence/absence specifying information indicating at least presence/absence of an resource on the Internet (see FIG. 3, a Correspondence table lists the telephone number and URL; see page 6, paragraph 26-28; note that a table 41 matches/specifies/identifies the telephone number which indicates/associates with the attendance/presence of URL information resource on the Internet); and

an access prompting section (see FIG. 1, a section between IP phone PC 1, PSTN 1, Server 13 and Internet 2 which provides the user access) for prompting a user (see FIG. 1, PC1), to access a resource specified by the resource name (see page 6, paragraph 28; note that server 13 provides URL which corresponds to the telephone number back to PC 1, and PC 1 accesses URL information resource (i.e. home page) specified by the URL).

**Regarding Claim 5**, Minoru'083 discloses an Internet access system wherein input data (see FIG. 1, a telephone number from PC 1 user received at the Server 13; see page 5-6, paragraph 18-22) is analyzed to acquire at least one of correspondency information between a telephone number and an resource name for identifying a resource on the Internet associated with the telephone number (see FIG. 1, UR, Uniform Resource Locator, (i.e.

Art Unit: 2661

resource name) is requested from the server in order to identify URL information resource that maps/links/associates/corresponds with the telephone number; see page 5, paragraph 14),

correspondency information between a telephone number and attribute information associated with the telephone number (see FIG. 3, a Correspondence table 41 lists the telephone numbers; see page 6, paragraph 19-29; note that the server stores/maintains/databases the list of the telephone numbers. Also, it is clear that the telephone number must correspond/associate with a unique name/attribute (i.e. a person name/attribute or a sushi shop name)), and

correspondency information between an resource name and attribute information associated with the resource name (see FIG. 3, a Correspondence table 41 lists the URL; see page 6, paragraph 26-29; note that the server stores/maintains/databases the list of the URL. Also, it is clear that URL must correspond/associate with a unique name/attribute (i.e. registered sushi shop name)).

### ***Claim Rejections - 35 USC § 102(e)***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Art Unit: 2661

2. Claims 1, 5 and 7 are rejected under 35 U.S.C. 102(e) as being anticipated by Enzmann (U.S. 6,687,242).

**Regarding Claim 1**, Enzmann'242 discloses an Internet access system (see FIG. 1) comprising:

an address acquisition section (see FIG. 1, a section between handset, Internet 110, Web Server 112 and URL database 113 which performs address acquiring tasks) for acquiring an resource name for identifying a resource on the Internet associated with identification information (see FIG. 1, the server requests URL (i.e. resource name) in order to identify URL information resource that maps/links/associates/corresponds with the telephone number) from a database (see FIG. 1, URL database 113) in which at least telephone numbers and resource names are associated (see col. 3, lines 30-53; note that URL database 113 stores/maintains/includes the list of the telephone number which associates/corresponds to URL),

wherein said identification information includes telephone number and address presence/absence specifying information indicating at least presence/absence of an resource on the Internet (see FIG. 1, URL database 113; col. 3, lines 30-53; note that URL data base matches/specifies/identifies the telephone number which indicates/associates with the attendance/presence of URL information resource on the Internet); and

an access prompting section (see FIG. 1, a section between handset, Internet 110, Web Server 112 and URL database 113 which provides the user access) for prompting a user to access a resource specified by the resource name (see col. 3, lines 38-53, see col. 4, lines 1-54; note that URL database provides URL which corresponds to the telephone number

Art Unit: 2661

back to the handset, and the handset accesses URL information resource (i.e. the host/web server/company) indicated/specified by URL).

**Regarding Claim 5**, Enzmann'242 discloses an Internet access system wherein input data (see FIG. 1, a telephone number from handset is received at the Web Server 112; see col. 3, lines 30-53) is analyzed to acquire at least one of correspondence information between a telephone number and an resource name for identifying a resource on the Internet associated with the telephone number (see FIG. 1, the server requests URL (i.e. resource name) in order to identify URL information resource that maps/links/associates/corresponds with the telephone number) from a database (see FIG. 1, URL database 113) in which at least telephone numbers and resource names are associated (see col. 3, lines 30-53; note that URL database 113 stores/maintains/includes the list of the telephone number which associates/corresponds to URL),

correspondency information between a telephone number and attribute information associated with the telephone number (see FIG. 1, URL database 113 lists the telephone number; see col. 3, lines 38-54, col. 4, lines 1-53; note that URL database stores/maintains the list of the telephone numbers. Also, it is clear that the telephone number must correspond/associate with a unique name/attribute (i.e. a person name/attribute or web server/company name)) and

correspondency information between an resource name and attribute information associated with the resource name (see FIG. 1, URL database 113 lists the URL; see col. 3, lines 38-54, col. 4, lines 1-53; note that URL database stores/maintains the list of URL.

Art Unit: 2661

Also, it is clear that URL must correspond/associate with a unique name/attribute (i.e. the registered name or Web-server/company name)).

**Regarding Claim 7**, Enzmann'242 discloses a telephone directory (see FIG. 2a-b, a hand set which caller ID display, thus it is clear that the handset must contain a telephone directory in order to identify the telephone number; see col. 1, lines 30-56) comprising:

a telephone number display section (see FIG. 2a-b, Display 215) for associatively displaying a telephone number and discrimination information for discriminating whether there is a URL address associated with the telephone number (see col. 4, lines 1-22; note the display 215 displays the telephone number which associates/links to a URL address with an asterisk "\*" at the end of the telephone number (i.e. 555-555-5555\*) in order to differentiate/discriminate with the conventional display of a phone number (i.e. 555-555-5555).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 2-4 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Enzmann'242 in view of Hatano (U.S. 2003/0088637).

**Regarding claim 2**, Enzmann'242 discloses all aspects of the claimed invention set forth in the rejection of Claim 1 as described above, and further teaches a data base contains the telephone number and the resource name, and the data base is coupled to the Internet (see FIG. 1).

Enzmann'242 does not explicitly disclose wherein a search section for searching resources connected to the Internet, thereby producing correspondence data between the telephone number and the resource name.

However, the above-mentioned claimed limitations are taught by Hatano'637. In particular, Hatano'637 teaches wherein said a database (see FIG. 1, URL search supporting server 12 comprising URL list data table) is generated by a search section for searching resources connected to the Internet (see FIG. 1, URL search supporting server 12 accesses and searches the facility information (i.e. resources) that connects to the Internet 5, and URL list data table is generated/updated; see page 1 paragraph 24-25 and page 3, paragraph 52-53) thereby producing correspondence data (see FIG. 8, Name of Facility) between the telephone number (see FIG. 8, Telephone number) and the resource name (see FIG. 8, Homepage URL; page 3, paragraph 52; note that after searching/accessing the facility information that couple to the Internet, the updated facility name/attribute is produced/generated between the telephone number and URL for that facility).

In view of this, having the system of Enzmann'242 and then given the teaching of Hatano'637, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Enzmann'242, by providing a server with the searching mechanism in order to produce/generate/update the facility information which

Art Unit: 2661

relates between the telephone number and URL, as taught by Hatano'637. The motivation to combine is to obtain the advantages/benefits taught by Hatano'637 since Hatano'637 states at page. 1, paragraph 7-8 that such modification would provide an information retrieval system by which desired information can be retrieved/searched with an easy option since the search "supporting" server is utilized.

**Regarding claim 3**, Enzmann'242 discloses all aspects of the claimed invention set forth in the rejection of Claim 1 as described above, and further teaches a data base contains the telephone number and the resource name, and the data base is coupled to the Internet (see FIG. 1).

Enzmann'242 does not explicitly disclose by searching resources connected to the Internet and finding, on the basis of the telephone number and attribute information associated with the telephone number, the resource name associated with the attribute information.

However, the above-mentioned claimed limitations are taught by Hatano'637. In particular, Hatano'637 teaches wherein said database (see FIG. 1, URL search supporting server 12 comprising URL list data table) is generated by searching resources connected to the Internet (see FIG. 1, URL search supporting server 12 accesses and searches the facility information (i.e. resources) that connects to the Internet 5, and URL list data table is generated/updated; see page 1 paragraph 24-25; and page 3, paragraph 52-53) and finding, on the basis of the telephone number (see FIG. 8, Telephone number) and attribute information associated with the telephone number (see FIG. 8, Name of Facility and its corresponded

Art Unit: 2661

/associated the phone number), the resource name (see FIG. 8, Homepage URL) associated with the attribute information (see page 3, paragraph 52; note that home page URL must correspond/associate with the facility name/attribute/information).

In view of this, having the system of Enzmann'242 and then given the teaching of Hatano'637, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Enzmann'242, by providing a server with the searching mechanism in order to find/generate/update URL according to the facility name and its corresponding/associating telephone number, as taught by Hatano'637. The motivation to combine is to obtain the advantages/benefits taught by Hatano'637 since Hatano'637 states at page. 1, paragraph 7-8 that such modification would provide an information retrieval system by which desired information can be retrieved/searched with an easy option since the search "supporting" server is utilized.

**Regarding claim 4**, Enzmann'242 discloses all aspects of the claimed invention set forth in the rejection of Claim 1 as described above, and further teaches a data base contains the telephone number and the resource name, and the data base is coupled to the Internet (see FIG. 1).

Enzmann'242 does not explicitly disclose by searching resources connected to the Internet and finding, on the basis of the resource name and attribute information associated with the resource name, the telephone number associated with the attribute information.

However, the above-mentioned claimed limitations are taught by Hatano'637. In particular, Hatano'637 teaches wherein said database (see FIG. 1, URL search supporting

server 12 comprising URL list data table) is generated by searching resources connected to the Internet (see FIG. 1, URL search supporting server 12 accesses and searches the facility information (i.e. resources) that connects to the Internet 5, and URL list data table is generated/updated; see page 1 paragraph 24-25 and page 3, paragraph 52-53) and finding, on the basis of the resource name (see FIG. 8, Homepage URL) and attribute information associated with the resource name (see FIG. 8, the name of the facility; note that the facility name/attribute its corresponded/associated home page URL), the telephone number (see FIG. 8, Telephone number) associated with the attribute information (see page 3, paragraph 47-55; note that the telephone number must correspond/associate with the facility name/attribute; also see page 4, paragraph 59-63).

In view of this, having the system of Enzmann'242 and then given the teaching of Hatano'637, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Enzmann'242, by providing a server with the searching mechanism in order to find/generate/update the telephone number according to the facility name and its corresponding/associating URL number, as taught by Hatano'637. The motivation to combine is to obtain the advantages/benefits taught by Hatano'637 since Hatano'637 states at page. 1, paragraph 7-8 that such modification would provide an information retrieval system by which desired information can be retrieved/searched with an easy option since the search "supporting" server is utilized.

**Regarding claim 6**, Enzmann'242 discloses an Internet access system (see FIG. 1) comprising:

a first information processing section for analyzing input data (see FIG. 1, a telephone number from handset is received at the Web Server 112; see col. 3, lines 30-53), thereby acquiring correspondency information between a telephone number and first attribute information associated with the telephone number (see FIG. 1, URL database 113 lists the telephone number; see col. 3, lines 38-54, col. 4, lines 1-53; note that URL database stores/maintains the list of the telephone numbers. Also, it is clear that each telephone number must correspond/associate with a name/attribute (i.e. the registered person name or Web-server/company name), and the name/attribute (i.e. first name/attribute information) must also be stored/maintained in the database);

a second information processing section for analyzing input data (see FIG. 1, a telephone number from handset is received at the Web Server 112; see col. 3, lines 30-53), thereby acquiring correspondency information between a resource name for identifying a resource on the Internet and second attribute information associated with the resource name (see FIG. 1, URL database 113 lists the URL; see col. 3, lines 38-54, col. 4, lines 1-53; note that URL database stores/maintains the list of URL. Also, it is clear that URL must correspond/associate with a name/attribute (i.e. the registered person name or Web-server/company name), and the name/attribute (i.e. second name/attribute information) must also be stored/maintained in the database); and

an information registration section for collating the telephone number and the resource name which are associated with the first and second attribute information (see FIG. 1, URL database 113; see col. 3, lines 30-53; note that URL database 113 stores/maintains/registers the list of the telephone number which associates/corresponds to

URL. Also, it is clear that the database must store/maintain/register associated/corresponding first and/or second name/attributes (i.e. name/attributes information) in order to identify the subscriber's identity). Thus, the information registration section is the section where both URL and telephone number are stored/registered together in the database.)

Enzmann'242 does not explicitly disclose the first attribute information and the second attribute information, and associatively registering, where both first and second attribute information coincides.

However, the above-mentioned claimed limitations are taught by Hatano'637. In particular, Hatano'637 teaches an information registration section (see FIG. 1, URL search supporting server 12 accesses and searches the facility information (i.e. resources) that connects to the Internet 5 "frequently", and URL list data table is generated/updated by registering/incorporating such information; see page 1 paragraph 24-25 and page 3, paragraph 52-53) for collating the first attribute information acquired by the first information processing section (see FIG. 8, Telephone number and its name of facility; see page 3, paragraph 47-55; note that after searching/accessing the facility information (i.e. resource) that couple to the Internet for the first time, the updated telephone number must correspond/associate with the facility name) and the second attribute information acquired by the second information processing section (see FIG. 8, Homepage URL with the name of facility; page 3, paragraph 47-52; note that after searching/accessing the facility information that couple to the Internet for the second time, the updated homepage URL must correspond/associate with the facility name), and

associatively registering (see FIG. 8, URL list data table), where both first and second attribute information coincides, the telephone number and the resource name which are associated with the first and second attribute information (see page 4, paragraph 59-63; note that after frequent searches, the FIG. 8 updates and lists each same/common/coincide name of facility with a telephone number and a home page URL by registering them in a single row. Also, the facility name must be common in each search/process in order to successfully register with its telephone number and a home page URL in URL list table. Thus, URL list table is the registered list of a facility name and its corresponding telephone number and URL).


In view of this, having the system of Enzmann'242 and then given the teaching of Hatano'637, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Enzmann'242, by modifying an information registration section and providing a server with the searching/updating/registering mechanism in order to register/list a common facility name with its corresponding/associating the telephone number and URL, as taught by Hatano'637. The motivation to combine is to obtain the advantages/benefits taught by Hatano'637 since Hatano'637 states at page. 1, paragraph 7-8 that such modification would provide an information retrieval system by which desired information can be retrieved/searched from the register/list with an easy option since the search "supporting" server is utilized.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ian N Moore whose telephone number is 703-605-1531. The examiner can normally be reached on M-F: 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on 703-305-4798. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

INM  
2/25/04

  
RICKY NGO  
PRIMARY EXAMINER